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ABSTRACT

During the 1973 and 1974 orientation programs, first-time, full-time University of Maryland Baltimore County freshmen were administered the Student Information Form (SIF) by the UMBC Counseling Center. The SIF is a survey instrument developed by the American Council on Education for the Cooperative Institutional Research Program. The SIF provides information regarding demographic and biographic data, high school background, educational and career aspirations, student traits and attitudes, and financing college expenses. Data were available on 1051 and 980 UMBC freshmen for 1973 and 1974, respectively. This report reviews changes in responses to items by UMBC freshmen between 1973 and 1974. National norms for public universities for the same two year period are reported so that differences can be seen between UMBC and similar institutions. (Author)

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REVIEW OF FALL 1973 AND FALL 1974 UNIVERSITY OF MARYLAND BALTIMORE COUNTY FRESHMAN RESPONSES TO THE A.C.E. STUDENT INFORMATION FORM

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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HE007940

REVIEW OF 1973 AND 1974 UMBC FRESHMAN RESPONSES
TO THE ACE STUDENT INFORMATION FORM

INTRODUCTION

Since 1966 the American Council on Education has conducted the Cooperative Institutional Research Program (CIRP). This program is an ongoing longitudinal study of the American higher education system, the purpose of which is to determine the effects of college on students. Each year an annual report of national normative data on the characteristics of first-time, full-time freshman students is published.

Institutions of higher education voluntarily participate by administering the Student Information Form (SIF) to their first-time, full-time freshman students during orientation, registration, or the first few weeks of classes. Participating institutions include public and private two-year colleges, four-year colleges, and universities.

The Student Information Form (SIF) is the survey instrument which is used to collect initial input information for longitudinal research. The SIF provides information regarding demographic and biographic data, high school background, educational and career aspirations, student traits and attitudes, and financing college expenses.

UMBC has participated in the CIRP for the last two years. The SIF was administered to first-time, full-time freshmen during the summer orientation programs in 1973 and 1974 by the UMBC Counseling Center. SIF data were available for 1051 students in 1973 and 980 in 1974. The forms were processed by CIRP and reports were sent to UMBC.

The following tables were prepared to facilitate reviewing changes in UMBC student responses to items between 1973 and 1974. For the same two year period National Norms for Public Universities were reported so that comparisons could be made between UMBC and similar institutions. Some items of the SIF were changed between 1973 and 1974. With the exception of two financial aid items, only those questions that were repeated both years and questions that were asked for the first time in 1974 were included in the tables. In reviewing each item it should be borne in mind that every student did not necessarily answer every question. Therefore, the percentage responding to any one item is not always a percentage of the total number of students for whom SIF data were available.

Since a complete set of tables is appended to this report, it would have been redundant to cite each and every change that occurred for UMBC student responses between 1973 and 1974. For reasons of brevity and comprehension, therefore, only a few differences were pointed out in this review, recognizing that some differences felt to be important by others perusing the tables

have remained unmentioned. The primary focus was upon changes between 1973 and 1974 UMBC freshman classes and in some instances upon differences between UMBC and public university norms.

HIGHLIGHTS

The age distribution for 1974 UMBC freshmen shows that 97.3% of the students are less than 20 years of age, which is the same percentage as that for 1974 National norms. This was a 0.6% decrease from the 1973 percentage in that age bracket for UMBC students; fewer 17 and more 18 and 19 year old students enrolled as UMBC freshmen in 1974 than 1973. The percentage of students 20 years or older increased from 2.0% to 2.6%.

The racial background of the two UMBC classes remained essentially the same with a slight decrease in the percentage of white/caucasian students and a slight increase in black/Negro/Afro-American students. In contrast to the National norms, UMBC has had about 13% fewer white/caucasian students and about 14% more black/Negro/Afro-American students during both years.

About 70% of the 1973 and 1974 UMBC freshmen listed Baptist, Jewish, Methodist, and Roman Catholic as their religious preference. Nationally, 55% of the freshman classes considered those religions as their preference. Better than half of the 1974 UMBC freshmen considered themselves as middle of the road in terms of political orientation; and that was an increase of 5.7% over last year. Another third considered themselves liberal, 6.4% less than last year. A slight decrease was noted for conservative, and slight increases occurred for far left and far right. The 1974 National norm distribution is not markedly different from that for the 1974 UMBC freshman.

The educational levels for parents of UMBC freshman classes have typically been lower than the national norm. A higher percentage of fathers of UMBC students had less than a high school education, and a lower percentage had college and graduate degrees. The same pattern was reflected for mothers, but additionally the percentage of mothers of UMBC freshmen who were high school graduates was about 11% higher than the national norm.

The vast majority of National and UMBC freshman classes have completed a college preparatory high school program (about 95%) and have entered college in the fall following high school graduation (about 95-97%). UMBC was the student's first choice of colleges for approximately three-fourths of the 1974 class.

The percentage of UMBC freshmen with high school grades of A or A+ remained essentially the same from 1973 to 1974. The percentages with B's decreased from 69.6 to 67.7 and with C's increased from 13.5 to 16.9 for the same period. Compared with

national norms, UMBC classes have typically had a lower percentage of A students and higher percentages of B and C students in the entering freshman classes.

For the last two years National and UMBC freshmen considered the same three reasons as very important to selecting their college: "has a good academic reputation," "offers special education program," and "has low tuition." The fourth reason cited by UMBC freshmen was "wanted to live at home" while nationally the fourth reason was "wanted to live away from home."

A little less than three-fourths of the UMBC entering classes planned to earn the bachelor's degree at UMBC. When considering the highest degree planned anywhere, the percentages for national norms and UMBC freshmen between 1973 and 1974 increased for degree categories at or below the bachelor's level and decreased for post-graduate degree categories. The changes amounted to approximately 10%. Whether this can be considered as a tendency for freshmen not to aspire to graduate degree training remains unclear without more longitudinal data.

Percentage changes in probable major fields of study can be difficult to interpret and somewhat misleading since the categorization of several majors differed between 1973 and 1974. The decrease in "health professions" and the increase in "other technical fields" for UMBC freshmen was partially a result of classifying health technology (medical, dental and laboratory) majors as "health professions" in 1973 but as "other technical fields" in 1974. Other than these two categories, no drastic changes occurred between 1973 and 1974 for UMBC freshmen. "Health professions," "social sciences," and "biological sciences" continued to account for a large proportion of probable majors for UMBC classes (52.9% in 1973 and 44.5% in 1974--an underestimate in 1974 due to reclassification of health technology). On the national level, these major fields accounted for 30.2% and 24.5% of probable fields of study in 1973 and 1974, respectively.

The residence data provided some interesting contrasts. About three-fourths of the 1974 UMBC freshman plan to live with parents or relatives but only 39.6% prefer that living arrangement. Further, about 25% plan to live in other private homes, apartments, or in the college dormitories but better than half would prefer that. These data would suggest that, provided UMBC freshmen could implement their preferences, their places of residency for the freshman year would be quite different than their stated plans. On the national level, discrepancies between plans and preferences were much less: 20% planned to live with parents and relatives and 12% preferred that, while about 77% both planned and preferred living in private homes, apartments, and college dormitories. Implementation of preferences on the national level seemed to be much more of a reality. However, when preferences were compared, a larger percentage of UMBC freshmen favored living with parents or relatives

and a smaller percentage favored private homes, apartments, or college dormitories than the national norms.

A smaller percentage of 1974 UMBC freshmen considered "independence" and "intrinsic interest in the field" as very important for a long-term career choice than the 1973 freshman class. However, the same five reasons by percentages were rated at the top of the list by the 1973 UMBC, 1974 UMBC, and 1974 National norm groups: "intrinsic interest in the field," "be helpful to others," "work with people," "contribution to society," and "job openings available," in that order.

Due to reclassification of some occupations, changes between 1973 and 1974 for probable career occupation are difficult to interpret. The increase in "other occupation" is clearly, in part, accounted for by having combined many titles reported separately in 1973 into one "other occupation" category. Comparing percentages for 1974 UMBC freshmen and 1974 National norms suggests that UMBC freshmen tend to be more interested in the categories of doctor, health professional, and nurse and less interested in artist, business man, engineer, and farmer or forester. Generally comparable to national norms, fathers of UMBC freshmen were typically businessmen and skilled workers (51.1%).

UMBC freshmen rated their self-traits "above average" generally the same as the national norm group. Some obvious differences occurred where a higher percentage of UMBC freshmen rated themselves as above average on "cheerfulness," "defensiveness," "popularity," "popularity with opposite sex," and "understanding of others."

The same five objectives considered to be "essential or very important" received the highest percentage of responses from the 1973 UMBC, 1974 UMBC, and 1974 National norm groups. They were: "help others in difficulty," "develop a philosophy of life," "be an authority in my field," "be very well off financially," and "raise a family."

The two UMBC freshman classes responded generally the same when asked items concerning the future and estimating "the chances were very good" that they would do certain things. Some comparisons between the 1974 UMBC freshman and 1974 National norms were revealing. A larger percentage of UMBC students thought chances were very good that they would work at an outside job (39.4% vs. 26.3%) and that they would transfer to another college (19.5% vs. 10.0%). For UMBC, the percentages were less for living in a coeducational dorm (15.7% vs. 32.4%), making at least a B average (32.3% vs. 40.6%), being satisfied with college (42.6% vs. 53.7%), and finding a job in one's field after graduation (49.9% vs. 55.1%).

Students were asked to rate their degree of agreement with a number of statements. A higher percentage of 1974 UMBC freshmen

than 1974 National norms agreed strongly or somewhat that the government was not doing enough to control environment pollution, people should be paid equally, marijuana should be legalized, an individual can do little to change society, and open admissions should be adopted by all public colleges; and a lower percentage than nationally agreed that parents should be discouraged from having large families. Other differences were evident but to a lesser degree.

Six items assessed the degree of identification with certain groups. Students identified to a greater degree with people of their own generation than with the other group items. Less than half identified strongly or strongest of all with people of their own race, and the UMBC percentage was higher than the national percentage. About 37% agreed strongly or strongest of all with people of their own sex and with people who live in their community. Lastly, 21.2% of UMBC freshmen and 25.6% nationally identified to that extent with people of their religion. Reference groups in order of importance appeared to be peers, racial, sex, community, and religious.

The financial data are quite detailed and extensive. The percentage of students who were financially independent in 1974 increased to 11.4% (2.8% over 1973) for UMBC freshmen and to 12.5% (4.4% over 1974) nationally About 63% of the freshmen had some or major concern about financing college. In 1974 the estimated parental income for 63% of UMBC freshmen was between $10,000-$24,999, about the same as 1973 and slightly more than nationally. However, a larger percentage of 1974 UMBC freshmen parents had incomes of less than $10,000 and a smaller percentage had incomes of $25,000 or more when compared to 1974 national norms.

In 1974 the percentages of UMBC freshmen that expected support ranging from $1 to over $4,000 from the following sources compared to national norms (in parentheses) were: Educational Opportunity Grant, 22.9% (18.2%); Supplemental Educational Opportunity Grant, 3.3% (5.0%); College Work Study, 7.0% (9.4%); State Scholarship or Grant, 18.4% (15.5%); Federal Guaranteed Student Loan, 4.8% (9.2%); National Direct Student Loan, 2.5% (9.9%); Other Loan 2.7% (6.3%); Local or Private Scholarships or Grants, 11.6% (19.2%); Parents or Family, 81.8% (85.6%); Part-time Work, 76.1% (73.7%); Full-time Employment, 13.0% (10.0%); and Savings, 58.0% (63.4%). Little support was expected from spouse, parent's military service or social security benefits, personal military service benefits, and other sources. UMBC freshmen, as opposed to national norms, tend to depend more on Basic Educational Opportunity Grants, State Scholarships or Grants, Part-time work, and Full-Employment; and less upon Supplemental Educational Opportunity Grants, College Work-Study, Federal Guaranteed Loans, National Direct Student Loans, Other Loans, Local or Private Scholarships or Grants, Parent or Family Aid, and Savings.

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Age				
16 or younger	0.1	0.1	0.3	0.0
17	4.3	3.5	7.1	4.5
18	80.4	78.6	83.6	84.0
19	13.9	15.1	7.0	8.8
20	0.7	1.1	1.0	1.1
21	0.2	0.5	0.3	0.4
22	0.1	0.3	0.1	0.3
23-25	0.2	0.5	0.4	0.3
26-29	0.0	0.2	0.1	0.4
30 or older	0.1	0.2	0.1	0.1
Racial Background				
White/Caucasian	95.9	95.0	82.9	80.8
Black/Negro/Afro-American	2.4	3.1	16.0	17.7
American Indian	.9	0.7	.3	1.2
Oriental	.7	1.0	.5	0.1
Other	.9	1.0	.7	0.4
Mexican-American/Chicano	.4	0.4	.2	0.1
Puerto-Rican American	.2	0.1	.0	0.4
Marital Status				
Presently married	.5	1.0	.4	0.7
Presently engaged	1.7	1.7	2.5	2.8
Seeing one person exclusively	33.9	34.4	36.9	35.3
Dating, but no one steadily	46.6	42.8	43.9	43.3
Not dating, in recent months	17.4	20.1	16.2	18.0

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Current Religious Preference				
Baptist	11.3	9.9	10.6	10.1
Congregational (U.C.C)	2.6	2.9	.9	0.4
Eastern Orthodox	.5	0.6	1.1	1.0
Episcopal	4.1	3.3	3.8	2.8
Jewish	4.2	4.3	12.6	12.6
Latter Day Saints (Mormon)	.3	0.3	.0	0.1
Lutheran	8.4	10.2	6.5	7.9
Methodist	13.7	12.2	10.8	10.5
Muslim	.1	0.1	.1	0.3
Presbyterian	8.3	6.6	2.5	3.8
Quaker (Society of Friends)	.2	0.2	.1	0.0
Roman Catholic	25.9	28.6	37.4	36.5
Seventh Day Adventist	.1	0.1	.2	0.4
Unitarian-Universalist	.6	0.5	.3	0.2
Other Protestant	4.4	4.3	1.3	1.7
Other Religion	3.2	3.4	2.7	2.7
None	12.3	12.5	9.3	8.9
Father's Religious Preference				
Baptist	--	10.4	--	10.9
Congregational (U.C.C.)	--	3.2	--	0.4
Eastern Orthodox	--	0.8	--	1.2
Episcopal	--	3.7	--	3.3
Jewish	--	5.0	--	14.1
Latter Day Saints (Mormon)	--	0.2	--	0.2
Lutheran	--	11.1	--	8.8
Methodist	--	13.3	--	13.3
Muslim	--	0.1	--	0.1
Presbyterian	--	7.7	--	4.2
Quaker (Society of Friends)	--	0.2	--	0.0
Roman Catholic	--	29.1	--	34.7
Seventh Day Adventist	--	0.1	--	0.1
Unitarian-Universalist	--	0.6	--	0.2
Other Protestant	--	4.6	--	1.9
Other religion	--	2.0	--	1.3
None	--	8.0	--	5.0

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
AMERICAN COUNCIL ON EDUCATION

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Mother's Religious Preference				
Baptist	--	10.8	--	12.1
Congregational (U.C.C.)	--	3.4	--	0.4
Eastern Orthodox	--	0.7	--	1.0
Episcopal	--	4.1	--	3.2
Jewish	--	4.8	--	13.6
Latter Day Saints (Mormon)	--	0.3	--	0.1
Lutheran	--	11.3	--	9.2
Methodist	--	14.0	--	12.7
Muslim	--	0.1	--	0.2
Presbyterian	--	7.8	--	3.8
Quaker (Society of Friends)	--	0.2	--	0.0
Roman Catholic	--	30.9	--	38.0
Seventh Dat Adventist	--	0.1	--	0.1
Unitarian-Universalist	--	0.8	--	0.1
Other Protestant	--	4.8	--	1.9
Other religion	--	2.1	--	1.5
None	--	3.7	--	2.1
Political Orientation				
Far Left	1.8	1.9	2.3	3.2
Liberal	34.1	30.9	39,4	33.0
Middle of the road	50.0	53.1	46.5	52.2
Conservative	13.7	13.5	11.4	10.6
Far right	.4	0.6	.4	1.0
Veteran				
No	99.6	98.5	99.3	99.0
Yes	.4	1.5	.7	1.0

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Father's Education				
Grammar school or less	3.9	5.5	7.6	5.8
Some high school	7.7	8.9	16.0	15.4
High School graduate	23.5	25.8	27.5	27.4
Post-secondary other than coll.	4.6	4.7	3.8	4.1
Some college	15.9	14.8	16.2	15.3
College degree	24.5	22.5	16.9	17.6
Some graduate school	3.4	2.9	2.3	1.8
Graduate degree	16.5	14.9	9.8	12.4
Mother's Education				
Grammar school or less	2.1	2.9	4.1	4.1
Some high school	6.0	7.5	14.6	13.2
High school graduate	38.0	39.0	49.9	50.9
Post-secondary other than coll.	8.5	8.6	6.2	6.2
Some college	18.4	16.6	13.1	13.4
College degree	19.4	18.3	8.1	8.4
Some graduate school	2.8	2.5	1.1	1.7
Graduate degree	4.8	4.6	3.0	2.1
High School Program				
College preparatory	--	94.6	--	93.9
Other	--	5.4	--	6.1
Year Graduated from High School				
1974	--	95.3	--	96.0
1973	97.2	2.6	97.2	2.3
1972	1.7	0.6	1.6	0.7
1971	.3	1.1	.3	0.6
1970 or earlier	.5	--	.6	--
H.S. Equivalency (G.E.D. Test)	.1	0.3	.3	0.4
Never completed high school	.2	0.1	.0	0.0

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Average Grade in High School				
A or A+	11.5	10.7	6.8	5.7
A-	15.5	15.9	9.0	9.5
B+	26.2	23.6	25.4	22.6
B	25.9	26.1	30.5	33.1
B-	11.6	11.2	13.7	12.0
C+	5.8	7.9	9.7	11.5
C	3.3	4.4	3.8	5.4
D	.1	0.2	.2	0.3
This College is Student's				
First choice	--	78.5	--	76.0
Second choice	--	16.8	--	19.8
Less than second choice	--	4.7	--	4.2
Reasons Noted as Very Important In Selecting This College				
Relatives wanted me to come here	6.8	5.4	10.3	5.6
Wanted to live away from home	23.8	18.7	16.1	7.9
Teacher advised me	3.8	3.9	3.7	3.1
Has a good academic reputation	58.8	56.0	58.2	45.8
Offered financial assistance	10.7	13.0	15.8	10.8
Advice of someone who attended	20.0	17.0	15.8	13.1
Offers special education program	25.4	29.2	41.5	27.9
Has low tuition	24.8	27.6	32.1	27.6
Advice of guidance counselor	5.9	6.7	7.8	9.2
Wanted to live at home	6.3	7.3	23.7	21.8
Could not get a job	1.0	1.5	3.1	2.6

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Highest Degree Planned Here				
None	3.3	5.0	8.6	4.8
Associate (or equivalent)	1.8	5.2	2.1	3.4
Bachelor's (B.S., B.A.)	70.0	63.1	74.7	73.3
Master's (M.A., M.S.)	15.2	15.7	7.8	9.0
Ph.D., or Ed.D.	2.7	2.7	2.1	2.0
LL.B., or J.D. (Law)	2.1	1.8	.9	0.6
B.D. or M.Div. (Divinity)	.1	0.1	.2	0.1
Other	.8	1.4	1.3	1.3
M.D., D.O.,D.D.S., or D.V.M.	4.0	4.9	2.2	1.6
Highest Degree Planned Anywhere				
None	2.0	2.0	2.0	2.2
Associate (or equivalent)	.3	2.5	.3	0.5
Bachelor's (B.A., B.S.)	30.6	41.7	26.8	37.2
Master's (M.A., M.S.)	33.0	26.6	32.1	29.0
Ph.D., or Ed.D.	13.2	9.5	12.6	11.8
M.D., D.O., D.D.S., or D.V.M.	11.9	10.9	17.6	14.6
LL.B., or J.D. (Law)	6.8	5.0	6.3	3.4
B.D. or M.Div. (Divinity)	.3	0.2	.4	0.1
Other	1.3	1.6	1.9	1.1

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Probable Major Field of Study				
Agriculture (incl. forestry)	3.6	5.5	.5	1.1
Biological sciences	9.7	8.9	10.5	12.1
Business	13.8	12.6	6.0	6.7
Education	9.9	8.4	6.9	5.4
Engineering	9.8	9.6	2.2	2.9
English	1.6	1.2	1.0	1.0
Health professions	9.8	8.6	26.6	20.0
History, political science	1.6	4.0	1.0	4.7
Humanities (other)	2.8	2.2	2.0	1.4
Fine Arts	7.2	6.9	3.3	4.0
Mathematics and statistics	2.1	1.6	3.6	2.8
Physical sciences	3.6	3.2	4.1	4.2
Social sciences	10.7	7.0	15.8	12.4
Other technical fields	2.4	5.6	0.9	10.4
Other nontechnical fields	6.8	10.0	9.5	6.6
Undecided	4.6	4.7	6.1	4.3
Residence Planned During Fall Term				
With parents or relatives	15.9	20.0	73.0	73.5
Other private home or apartment	2.2	3.3	1.1	3.5
College dormitory	78.3	73.8	26.5	22.1
Fraternity or sorority house	1.6	1.2	.1	0.1
Other campus housing	1.8	1.3	.1	0.6
Other	.2	0.4	.3	0.2
Residence Preferred During Fall Term				
With parents or relatives	--	12.0	--	39.6
Other private home or apartment	--	25.9	--	20.9
College dormitory	--	51.5	--	34.8
Fraternity or sorority house	--	5.6	--	1.9
Other campus housing	--	3.1	--	0.6
Other	--	2.0	--	2.2

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Reasons Checked as Very Important for Long-term Career Choice				
Job openings available	51.4	47.9	49.6	49.4
Rapid advancement	31.1	31.4	35.4	36.6
High anticipated earnings	38.0	38.1	40.3	42.6
Respected occupation	27.0	28.0	31.6	29.5
Independence	40.8	42.6	47.4	38.5
Chance for steady progress	44.7	45.8	47.8	45.9
Contribution to society	48.4	49.0	56.0	52.6
Avoid pressure	16.2	15.3	18.6	17.4
Work with ideas	49.7	45.7	44.1	40.1
Be helpful to others	60.0	60.0	69.4	68.5
Work with people	57.9	57.6	66.8	64.7
Intrinsic interest in field	72.1	69.6	76.7	69.8
Probable Career Occupation				
artist (incl. performer)	2.0	5.6	1.7	2.7
business man	16.0	10.9	5.3	7.6
clergy or religious worker	0.4	0.3	0.6	0.2
educator (college teacher)	0.8	0.6	0.5	0.5
doctor (M.D. or D.D.S.)	12.0	7.3	14.1	11.9
educator (secondary)	2.7	3.8	2.7	2.1
educator (elementary)	0.3	2.5	2.7	2.7
engineer	16.0	8.0	2.2	2.1
farmer or forester	5.6	5.2	1.1	1.6
health professional (non-M.D.)	6.5	12.6	20.8	18.9
lawyer	9.0	4.6	5.6	4.5
nurse	0.1	4.5	9.8	8.2
research scientist	5.3	2.8	5.1	3.5
other occupation	13.0	18.7	14.4	20.1
undecided	10.3	12.6	13.4	13.4

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Father's Occupation				
Artist (incl. performer)	--	0.7	--	0.4
Businessman	--	30.1	--	26.9
Clergy or religious worker	--	0.7	--	0.8
Educator (college teacher)	--	1.5	--	0.4
Doctor (M.D. or D.D.S.)	--	2.6	--	1.8
Educator (secondary)	--	2.1	--	1.2
Educator (elementary)	--	0.6	--	0.7
Engineer	--	8.9	--	9.4
Farmer or forester	--	7.5	--	0.4
Health profession (non M.D.)	--	1.3	--	1.9
Lawyer	--	1.7	--	2.1
Military career	--	1.5	--	1.6
Research scientist	--	0.9	--	1.1
Skilled worker	--	14.6	--	18.1
Semi-skilled or unskilled worker	--	6.7	--	7.7
Unemployed	--	1.6	--	1.1
Other occupation	--	17.0	--	24.6

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Trait Self Ratings (Percentage of Self Ratings Above Average)				
Academic ability	--	67.7	--	67.0
Athletic ability	--	39.8	--	36.7
Artistic ability	--	20.7	--	22.6
Cheerfulness	--	52.0	--	61.3
Defensiveness	--	25.9	--	31.8
Drive to achieve	--	65.2	--	63.2
Leadership ability	--	46.5	--	42.2
Mathematical ability	--	43.0	--	42.3
Mechanical ability	--	25.3	--	21.2
Originality	--	40.9	--	40.2
Physical attractiveness	--	28.0	--	30.4
Political conservatism	--	11.5	--	9.6
Political liberalism	--	24.3	--	23.8
Popularity	--	32.9	--	38.2
Popularity with opposite sex	--	30.1	--	35.2
Public speaking ability	--	23.7	--	19.3
Self-confidence (intellectual)	--	47.2	--	45.2
Self-confidence (social)	--	35.1	--	41.5
Sensitivity to criticism	--	26.4	--	27.1
Stubbornness	--	38.3	--	36.4
Understanding of others	--	66.2	--	71.8
Writing ability	--	35.1	--	35.2

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Objectives Considered to be Essential or Very Important				
Achieve in a performing art	20.4	10.7	15.9	11.0
Be an authority in my field	63.4	64.5	63.9	56.6
Obtain recognition from colleagues	--	39.0	--	34.3
Be administratively responsible	24.1	23.8	28.2	25.5
Be very well off financially	52.5	43.2	61.9	48.9
Help others in difficulty	61.5	59.7	68.3	67.5
Write original works	--	12.5	--	13.4
Create works of art	--	14.3	--	13.1
Keep up with political affairs	--	40.1	--	32.5
Succeed in my own business	40.7	37.8	39.4	31.1
Develop a philosophy of life	71.3	63.5	66.7	56.1
Participate in community action	--	28.9	--	27.0
Influence political structure	15.0	12.9	14.7	12.5
Raise a family	29.5	51.4	31.1	48.1
Help clean up environment	33.6	27.0	28.2	26.0
Influence social values	--	25.6	--	27.2
Theoretical contribution to science	--	15.3	--	20.3

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Students Estimate Chances are Very Good that They Will				
Change major field	19.2	15.5	14.2	12.0
Change career choice	18.0	14.6	13.9	13.4
Fail one or more courses	2.2	1.8	2.7	2.6
Graduate with honors	9.4	10.2	8.2	7.6
Be elected to student office	1.6	1.5	1.2	1.0
Join a social frat. or sorority	17.3	14.7	7.6	8.9
Live in a coeducational dorm	31.2	32.4	18.5	15.7
Live in a commune while in college	1.5	1.6	2.4	1.9
Be elected to an honor society	5.8	6.0	4.4	3.2
Make at least a 'B' average	38.9	40.6	31.6	32.3
Need extra time to complete degree	4.3	4.2	3.7	4.4
Work at outside job	25.5	26.3	35.7	39.4
Seek vocational counseling	11.9	10.3	11.5	9.5
Seek individual counseling	5.1	4.9	6.0	6.3
Enroll in honors courses	0.6	4.9	6.6	6.9
Get a Bachelor's degree	77.8	72.2	80.4	75.2
Drop out temporarily	1.8	1.8	2.7	1.0
Transfer to another college	9.7	10.0	21.0	19.5
Enter armed forces	0.9	0.9	1.9	1.3
Be satisfied with college	57.6	53.7	44.0	42.6
Be successful after graduation	18.7	18.3	19.2	15.8
Find job in own field after grad.	56.7	55.1	53.3	49.9
Get married while in college	7.7	6.9	7.2	5.8
Marry within a year after college	18.5	17.5	16.7	15.2
Drop out permanently	0.9	0.8	1.2	0.9

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Agree Strongly or Somewhat				
Gov't. not controlling pollution	88.9	83.1	91.2	86.3
Gov't. not protecting consumer	76.8	76.2	84.6	82.6
Too many rights for criminals	48.5	49.9	51.7	46.9
People should be paid equally	21.9	24.2	28.7	31.4
Women's activities best in home	25.0	25.1	24.7	26.6
Wealthy should pay more taxes	72.2	75.8	77.1	77.4
Marijuana should be legalized	50.0	46.9	55.4	56.1
Dicourage large families	72.3	65.6	66.8	59.1
Women should get job equality	93.7	92.8	94.9	92.4
Can do little to change society	39.9	42.0	45.7	49.8
Col.regulate students off campus	8.6	10.8	7.3	12.7
Students help evaluate faculty	78.4	76.6	76.5	74.3
Abolish college grades	33.3	27.3	37.3	27.8
De-emphasize organized sports	24.5	28.0	24.1	28.9
Regulate student publications	23.0	24.8	26.7	26.9
College has right to ban speaker	18.0	18.0	21.0	20.7
Prefer treatment for disadvantages	34.6	33.7	35.1	33.0
Col. too lax on student protests	31.3	30.1	32.8	28.6
Adopt open admissions at pub. col.	22.5	31.6	31.4	40.9
Use same degree standard for all	77.4	76.9	78.4	77.0
Identify with People Who Live in My Community				
Little or none	--	18.0	--	19.7
Moderately	--	45.2	--	43.9
Strongly	--	26.6	--	24.6
Strongest of all	--	10.2	--	11.9
Identify with People of My Own Religion				
Little or none	--	32.1	--	36.3
Moderately	--	42.3	--	42.4
Strongly	--	18.7	--	16.0
Strongest of all	--	6.9	--	5.2

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Identify with People of My Own Sex				
Little or none	--	7.4	--	8.4
Moderately	--	54.8	--	53.9
Strongly	--	34.8	--	34.1
Strongest of all	--	3.0	--	3.6
Identify with People of My own Race				
Little or none	--	13.5	--	9.1
Moderately	--	45.2	--	42.3
Strongly	--	34.2	--	38.3
Strongest of all	--	7.0	--	10.3
Identify with People of My Own Generation				
Little or none	--	3.5	--	2.7
Moderately	--	26.0	--	22.7
Strongly	--	43.3	--	41.4
Strongest of all	--	27.2	--	33.3
Financially Independent This Year				
Yes	11.6	12.5	10.4	11.4
No	88.4	87.5	89.6	88.2
Financially Independent Last Year				
Yes	6.8	8.1	9.2	8.6
No	93.2	91.9	90.8	91.4
Concern About Financing College				
No concern	35.2	37.2	32.4	36.9
Some concern	49.1	48.7	47.9	46.7
Major concern	15.7	14.1	19.6	16.4

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Estimated Parental Income				
Less than $3000	1.4	1.9	3.0	2.9
$3000-$3999	1.2	1.5	2.5	1.7
$4000-$5999	2.6	3.0	2.9	4.6
$6000-$7999	4.2	4.4	5.5	4.4
$8000-$9999	6.6	6.6	8.6	6.0
$10,000-$12,999	14.2	14.6	16.5	16.9
$12,500-$14,999	13.9	13.5	14.2	14.5
$15,000-$19,999	19.1	18.2	20.1	18.7
$20,000-$24,999	14.2	14.1	12.9	12.9
$25,000-$29,999	7.5	7.5	6.0	6.9
$30,000-$34,999	5.2	4.9	3.3	4.4
$35,000-$39,999	3.0	2.9	2.0	3.3
$40,000-$49,999	2.6	2.6	1.1	1.8
$50,000 or more	4.2	4.2	1.4	1.0
Total Income Last Year Independent of Parents				
None	14.2	12.1	27.3	19.3
Less than $500	30.0	28.6	29.4	29.2
$500-$999	27.0	25.5	19.7	22.6
$1000-$1,999	20.4	21.3	16.9	19.0
$2000-$2,999	5.6	7.6	3.9	6.3
$3000-$4,999	1.9	3.0	1.9	1.9
$5000-$9,999	0.6	1.2	0.6	1.3
$10,000 or more	0.3	0.5	0.3	0.3
Support from Basic Educational Opportunity Grant				
None	--	81.8	--	77.1
$1-$499	--	9.0	--	12.2
$500-$999	--	6.4	--	6.3
$1,000-$1,999	--	2.2	--	4.1
$2,000-$4,000	--	0.4	--	0.2
Over $4,000	--	0.2	--	0.2

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
AMERICAN COUNCIL ON EDUCATION

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Support from Supplemental Educational Opportunity Grant				
None	--	95.0	--	96.7
$1-$499	--	2.8	--	1.6
$500-$999	--	1.6	--	1.3
$1,000-$1,999	--	0.4	--	0.2
$2,000-$4,000	--	0.1	--	0.0
Over $4,000	--	0.0	--	0.2
Support from College Work-Study Grant				
None	--	90.6	--	93.0
$1-$499	--	4.8	--	5.1
$500-$999	--	4.0	--	1.6
$1,000-$1,999	--	0.4	--	0.3
$2,000-$4,000	--	0.1	--	0.0
Over $4,000	--	0.0	--	0.0
Support from State Scholarship or Grant				
None	--	84.5	--	81.6
$1-$499	--	8.9	--	11.5
$500-$999	--	5.4	--	6.2
$1,000-$1,999	--	0.8	--	0.5
$2,000-$4,000	--	0.2	--	0.2
Over $4,000	--	0.1	--	0.0
Support from Federal Guaranteed Student Loan				
None	--	90.8	--	95.2
$1-$499	--	2.5	--	1.8
$500-$999	--	2.5	--	1.8
$1,000-$1,999	--	3.6	--	0.8
$2,000-$4,999	--	0.6	--	0.2
Over $4,000	--	0.1	--	0.2

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Support from National Direct Student Loan				
None	--	90.1	--	97.5
$1-$499	--	4.7	--	1.5
$500-$999	--	3.7	--	0.7
$1,000-$1,999	--	1.3	--	0.3
$2,000-$4,000	--	0.1	--	0.0
Over $4,000	--	0.0	--	0.0
Support from Other Loan				
None	--	93.7	--	97.3
$1-$499	--	2.0	--	1.4
$500-$999	--	1.8	--	0.9
$1,000-$1,999	--	1.9	--	0.5
$2,000-$4,000	--	0.5	--	0.0
Over $4,000	--	0.1	--	0.0
Local or Private Scholarships or Grants				
None	67.7	80.8	62.8	88.4
$1-$499	16.0	12.6	18.4	7.6
$500-$999	9.4	4.3	11.3	3.4
$1000-$1999	5.0	1.7	6.1	0.5
$2000-$4000	1.4	0.4	1.4	0.2
Over $4000	0.5	0.1	0.0	0.0
Federally Ins. or College Loans				
None	84.3	--	88.5	--
$1-$499	4.6	--	6.0	--
$500-$999	5.5	--	3.4	--
$1000-$1999	4.8	--	1.5	--
$2000-$4000	0.6	--	0.4	--
Over $4000	0.2	--	0.2	--

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Other Repayable Loan				
None	93.5	--	95.8	--
$1-$499	2.3	--	2.6	--
$500-$999	1.9	--	0.4	--
$1,000-$1,999	1.7	--	1.0	--
$2,000-$4,000	0.4	--	0.0	--
Over $4,000	0.2	--	0.1	--
Support from Spouse				
None	98.0	98.6	97.7	96.2
$1-$499	0.4	0.6	0.8	1.5
$500-$999	0.3	0.3	0.5	0.2
$1,000-$1,999	0.5	0.2	0.1	1.5
$2,000-$4,000	0.3	0.1	0.7	0.3
Over $4,000	0.3	0.1	0.1	0.3
Support from Parental or Family Aid				
None	12.3	14.4	14.1	18.1
$1-$499	17.1	19.2	30.7	23.8
$500-$999	15.0	14.7	29.2	27.0
$1,000-$1,999	26.1	22.6	15.3	16.3
$2,000-$4,000	21.9	22.4	6.6	10.3
Over $4,000	7.6	6.7	4.2	4.4
Support from Parent's Military Service Benefit				
None	92.6	98.4	97.6	99.2
$1-$499	1.8	0.8	1.3	0.5
$500-$999	0.8	0.3	0.8	0.2
$1,000-$1,999	0.8	0.3	0.4	0.2
$2,000-$4,000	0.3	0.2	0.0	0.0
Over $4,000	0.1	0.1	0.0	0.0

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Support from Parent's SS Benefits				
None	93.7	92.5	93.7	94.3
$1-$499	3.0	3.5	4.5	3.7
$500-$999	1.7	1.8	1.1	1.0
$1,000-$1,999	1.2	1.6	0.4	1.0
$2,000-$4,000	0.3	0.4	0.1	0.0
Over $4,000	0.1	0.1	0.1	0.0
Support from Personal Military Service Benefit				
None	99.4	98.9	99.2	99.2
$1-$499	0.1	0.2	0.1	0.5
$500-$999	0.1	0.2	0.3	0.2
$1,000-$1,999	0.3	0.4	0.1	0.0
$2,000-$4,000	0.1	0.3	0.3	0.2
Over $4,000	0.1	0.1	0.0	0.0
Support from Part-time or Summer Work				
None	22.8	26.3	31.7	23.9
$1-$499	47.7	42.8	54.2	53.9
$500-$999	22.0	21.7	11.8	16.6
$1,000-$1,999	6.5	7.8	2.1	4.4
$2,000-$4,000	0.9	1.2	0.2	1.2
Over $4,000	0.1	0.2	0.1	0.0
Support from Full-time Employment				
None	91.0	90.0	92.0	87.0
$1-$499	3.8	4.1	4.9	7.5
$500-$999	3.0	3.4	1.9	3.4
$1,000-$1,999	1.6	1.7	0.6	1.8
$2,000-$4,000	0.4	0.6	0.5	0.2
Over $4,000	0.2	0.2	0.1	0.2

THE AMERICAN FRESHMAN:
COMPARISON BETWEEN NATIONAL NORMS AND UMBC

Item	National Norms for Public Universities		UMBC Freshman Class	
	1973	1974	1973	1974
Support from Savings				
None	39.1	36.6	51.2	42.0
$1-$499	39.6	38.9	39.1	42.3
$500-$999	12.6	14.2	5.7	10.2
$1,000-$1,999	6.2	7.2	3.1	3,6
$2,000-$4,000	1.9	2.5	0.5	1.1
Over $4,000	0.5	0.6	0.5	0.8
Other Sources of Support				
None	95.9	95.8	95.8	95.8
$1-$499	2.1	2.1	2.0	1.9
$500-$999	0.9	0.8	0.4	0.9
$1,000-$1,999	0.5	0.7	1.0	1.1
$2,000-$,000	0.3	0.3	0.0	0.2
Over $4,000	0.2	0.3	0.1	0.2